Hamburg is implementing an inter-university strategy to strengthen informatics and computer science in the context of digitalization. The cooperation platform ahoi.digital increases and enhances cooperation in informatics education, research, and technology transfer between Universität Hamburg, the Hamburg University of Applied Sciences (HAW), the Hamburg University of Technology (TUHH), and HafenCity University Hamburg (HCU).

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Faculty for Mathematics, Informatics and Natural Sciences invites applications for a

**PROFESSORSHIP (W2/W3) FOR INFORMATICS, WITH A FOCUS ON COMPUTATIONAL COGNITIVE SYSTEMS**

commencing as soon as possible, ref. no. 2323.

**RESPONSIBILITIES:**

The faculty is seeking a candidate with an excellent proven track-record in the interdisciplinary field of computational and natural cognitive systems.

The successful candidate also has a proven track-record of internationally recognized publications and research at the interface between informatics and psychology. Research should focus on data-driven and computational methods for modeling and simulation of cognitive processes, particularly of learning cognitive systems and their extension and adaptation to natural and artificial perception, cognition, and action in dynamic situations. The successful candidate is expected to have research experience in experimental methodology and technical solutions (e.g., smart sensors, neurotechnologies, augmented/virtual reality, portable/embeddable prostheses and implants, or active/passive therapeutic exo-skeletons).

The future post-holder is also expected to actively participate in existing and planned interdisciplinary research projects, especially Collaborative Research Center (CRC)/Transregio 169 “Crossmodal Learning: Adaptivity, Prediction and Interaction” as well as in the profile initiative Mechanisms of Change and the emerging field Neurosciences and Cognitive Systems. Willingness to collaborate with other research groups in the department and interdisciplinary projects within Universität Hamburg as well as active participation in ahoi.digital, the cooperation platform for informatics at Hamburg’s higher education institutions, are prerequisites. Links to psychology and ethics are expected.

In their application, applicants are expected to indicate to which of the University’s core research areas, emerging fields, or profile initiatives
Section 12 subsection 7 sentence 2 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) applies.

**REQUIREMENTS:**

Academic qualifications and additional requirements as specified in Section 15 HmbHG.

**ADDITIONAL CRITERIA:**

Applicants are expected to have international research experience as well as a successful track record in acquiring external funding and carrying out externally funded projects. The University places particular emphasis on the quality of teaching and therefore requests that applicants provide details of their teaching experience and objectives. The successful candidate is expected to have very good teaching abilities and to participate in the instruction of undergraduate students in the department's informatics degree programs, particularly the interdisciplinary Bachelor of Science in Human-Computer Interaction.

Following hearings, selected candidates will be assessed to ascertain skills in the areas of management and human resources.

In accordance with Section 14 subsection 3 sentence 3 HmbHG, Universität Hamburg seeks to increase the proportion of women in teaching and research and encourages female academics to apply.

Suitable disabled candidates or applicants with equivalent status with comparable qualifications, abilities, and experience receive preference in the application process.

For further information, please contact Prof. Dr. Frank Steinicke at +49 40 42883-2439 or frank.steinicke@uni-hamburg.de.

The application deadline is **20 February 2020**. Please submit your application with your CV, list of publications, teaching experience, external funding record, copies of certification and documents, three representative publications, teaching and research plans, and the **reference number 2323** preferably by email in a single PDF file, to Bewerbungen@uni-hamburg.de or per post to:

An den
Präsidenten der Universität Hamburg
Stellenausschreibungen
Mittelweg 177
20148 Hamburg